

ABSTRACT

A housing for protectively shielding control sensors detectors, or similar devices from harsh work environments. The housing comprises an enclosure having a sensing area transparent to electromagnetic waves. The sensing area is protected by a material that is arranged in an overlaying relation thereto, and which is of sufficient thickness to effectively protect the sensing area of the housing from harsh work environments while allowing the control sensor to operate therethrough in a normal fashion. The protective material may take the form of a laminate applied to a cap covering the sensing area, or the cap itself and/or housing may be made from the protective material. Preferably, the protective material includes material having a low coefficient of friction such as molybdenum disulfide, graphite, or polytetrafluoroethylene.